

DR. WALTER F. MORRISON, JR. Deputy Director U.S. Army Engineer Research and Development Center

Dr. Walter F. Morrison, Jr., assumed his present position in October 2001. He assists in managing one of the most diverse research organizations in the world – seven laboratories at four geographical sites, with over 2,000 employees (over 1,000 engineers and scientists), \$1.2 billion in facilities, and an annual program exceeding \$550 million.

R&D supports the Department of Defense and other agencies in military and civilian projects. Principal mission areas include civil engineering, environment, water resources engineering, and physical sciences. Research projects include facilities, airfields and pavements, protective structures, sustainment engineering, environmental quality, installation restoration (cleanup), compliance and conservation, regulatory functions, flood control, navigation, recreation, hydropower, topography, mapping, geospatial data, winter climatic conditions, oceanography, environmental impacts, and information technology.

Before coming to ERDC, Morrison was the Director for Research and Laboratory Management, Office of the Assistant Secretary of the Army (Acquisition, Logistics and Technology). In that position, he was responsible for the Army Basic Research and Applied Research programs for the Army Research Laboratory, Army Research Institute, Corps of Engineers, and Simulation, Training and Instrumentation Command. He also oversaw laboratory management policy for all Army laboratories and research centers.

Prior to that, Morrison was Chief, Terminal Effects Division, Army Research Laboratory, with R&D responsibility for advanced lethality and survivability mechanisms, concepts, and designs for future Army land warfare systems. In this position, he directed Basic and Applied Research efforts addressing impact physics, penetration mechanics, and advanced lethality and survivability technologies.

Prior to joining the Terminal Effects Division, Morrison managed and conducted research in the area of advanced gun propulsion. During the period 1989-1992, he directed electrothermal-chemical propulsion research at the Ballistic Research Laboratory. From 1982 to1989, he developed, directed, and managed liquid propellant gun research and advanced development programs for the Army.

Morrison has over 80 technical publications including an AIAA text on liquid propellant gun technology. He was elected a Fellow of the Ballistic Research Laboratory in 1992 and has been awarded the Department of the Army Meritorious Civilian Service Award and the Army Research and Development Achievement Award. He is a member of the Army Acquisition Corps.

Morrison received the bachelor's, master's and doctorate degrees, all in physics, from the Georgia Institute of Technology. He was commissioned a second lieutenant in the Army and served active duty at the Ballistic Research Laboratory as a first lieutenant and captain (1976-80).